

**PREDICTION STUDENT SD NEGERI MOJOSARI MANTUP LAMONGAN  
BASED ON SELECTION LOOSE RESULTS IN SMP NEGERI  
USING NAIVE BAYES METHOD**

By :

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**ABSTRACT**

Mojosari Public Elementary School is one of the educational institutions in Mantup Subdistrict. The lack of Mojosari Public Elementary School students who are accepted in state junior high schools causes a decrease in the quality of education in schools. This is because the school does not have the right method for predicting students. Therefore, it is necessary to predict students based on the results of passing the selection at the State Junior High School, to find out which students are accepted in public or private schools.

This study applies data mining classification techniques by using the naïve Bayes method to predict students in public or private classes. The attributes used in this study consist of 7 variables, namely the value of 3 (three) subjects (Mathematics, Indonesian and IPA) grades 2nd and 5th semester 1st grade 6th grade, the score of academic achievement and non academic achievement.

System testing is done nine times. The data used is taken from student data for the 2008 - 2017 academic year as many as 124 data. Based on the results of the test it was found that the fourth test resulted in the highest accuracy reaching 95.12%.

**Keywords:** Data Mining, Classification, Naïve Bayes Classifier

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